

5/24/2019

Denali Water
Cindy Duenes
2001 Key Street
Colton, CA, 92324

Ref: Analytical Testing
Report Number: 19-137-0211
Project Description: San Jacinto

Dear Cindy Duenes:

Waypoint Analytical Virginia, Inc. received sample(s) on 5/17/2019 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method. Sub-contracted testing is noted on the Sample Summary Table if applicable.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2012) and NELAC unless otherwise indicated.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,



Pauric McGroary
Agronomist

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

Virginia 460014





Client: Denali Water
Project: San Jacinto
Lab Report Number: 19-137-0211
Date: 5/23/2019

CASE NARRATIVE

Nitrate + Nitrite Nitrogen Method 4500NO3F-2011

Sample 66455

Analyte: Nitrate+Nitrite N

QC Batch No: E68858

The MS/MSD recoveries are outside QC limits due to the level of analyte present in the parent sample relative to the spike level . RPD is based on the MS/MSD results and should be evaluated as laboratory duplicates.



Sample Summary Table

Report Number: 19-137-0211

Client Project Description: San Jacinto

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
66459	San Jacinto	Solids	05/15/2019 11:00	05/17/2019		
66459	San Jacinto	Solids	05/15/2019 11:00	05/17/2019	SW-7471B	WTN
66459	San Jacinto	Solids	05/15/2019 11:00	05/17/2019	6010D	WTN

Report Number: 19-137-0211

Account Number: 11035



7621 Whitepine Road, Richmond, VA 23237
Main 804-743-9401 ° Fax 804-271-6446
www.waypointanalytical.com

Send To: Denali Water
Cindy Duenes
2001 Key Street
Colton , CA 92324

Project : San Jacinto

REPORT OF ANALYSIS

Lab Number : 66459

Sample Id : San Jacinto

Date Sampled: 5/15/2019 11:00:00

Date Received: 05/17/2019 00:00

Date Reported: 05/24/2019

PARAMETER	RESULT (%)	RESULT (mg/kg)	QUANTITATION LIMIT (mg/kg*)	ANALYST	ANALYSIS DATE/TIME	METHOD
Total Solids *	19.52			BW1	05/21/2019 15:49	SM-2540G
Moisture *	80.47			BW1	05/21/2019 15:49	SM-2540G
Total Kjeldahl Nitrogen	7.27	72700	50.0	R D	05/20/2019 09:00	SM-4500-NH3C-TKN
Phosphorus	2.50	25000	50.0	KKM	05/23/2019 02:46	6010D
Potassium	0.17	1730	50.0	KKM	05/23/2019 02:46	6010D
Sulfur	1.36	13600	50.0	KKM	05/23/2019 02:46	6010D
Calcium	2.46	24600	250	KKM	05/23/2019 02:46	6010D
Magnesium	0.41	4080	50.0	KKM	05/23/2019 02:46	6010D
Sodium	0.09	855	250	KKM	05/23/2019 02:46	6010D
Iron		30400	50.0	KKM	05/23/2019 02:46	6010D
Aluminum		5740	50.0	BKN	05/23/2019 02:46	6010D
Manganese		221	5.00	KKM	05/23/2019 02:46	6010D
Copper		692	2.50	KKM	05/23/2019 02:46	6010D
Zinc		803	12.5	KKM	05/23/2019 02:46	6010D
Ammonia Nitrogen	1.34	13400	50.0	R D	05/20/2019 09:00	SM-4500-NH3C
Organic N	5.93	59300	50.0		05/20/2019 09:00	CALCULATION
Nitrate+Nitrite-N		13.0	2.45	MMT	05/21/2019 13:14	4500NO3F-2011

All values are on a dry weight basis except as noted by asterisk. Detection limit on all N series is on a wet basis.

B - Analyte detected in blank H - Beyond Holding Time

A handwritten signature in black ink that reads "Paucic McGroary".

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Paucic McGroary
Agronomist

Report Number: 19-137-0211

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Send To: Denali Water
Cindy Duenes
2001 Key Street
Colton , CA 92324

Project : San Jacinto

Lab Number : 66459
Sample Id : San Jacinto

REPORT OF ANALYSIS

Date Sampled: 5/15/2019 11:00:00
Date Received: 05/17/2019 00:00
Date Reported: 05/24/2019

PARAMETER	RESULT (%)	RESULT (mg/kg)	QUANTITATION LIMIT (mg/kg*)	ANALYST	ANALYSIS DATE/TIME	METHOD
Cadmium		1.03	1.00	KKM	05/23/2019 02:46	6010D
Chromium		51.3	2.50	KKM	05/23/2019 02:46	6010D
Nickel		23.7	2.50	KKM	05/23/2019 02:46	6010D
Lead		21.0	3.00	KKM	05/23/2019 02:46	6010D
Arsenic		6.25	5.00	KKM	05/23/2019 02:46	6010D
Mercury		0.514	0.0145	TJS	05/23/2019 12:09	SW-7471B
Selenium		<5.00	5.00	KKM	05/23/2019 02:46	6010D
Molybdenum		16.6	2.50	KKM	05/23/2019 02:46	6010D

Comments:

All values are on a dry weight basis except as noted by asterisk. Detection limit on all N series is on a wet basis.

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Paucic McGroary
Agronomist

Cooler Receipt Form

Customer Number: **11035**

Customer Name: **Denali Water**

Report Number: **19-137-0211**

Shipping Method

☐ Fed Ex ☐ US Postal ☐ Lab ☐ Other :
☒ UPS ☐ Client ☐ Courier Thermometer ID:

Shipping container/cooler uncompromised?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Number of coolers received	<input type="text" value="1"/>		
Custody seals intact on shipping container/cooler?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not Required
Custody seals intact on sample bottles?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not Required
Chain of Custody (COC) present?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC agrees with sample label(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC properly completed	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Samples in proper containers?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sample containers intact?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sufficient sample volume for indicated test(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
All samples received within holding time?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Cooler temperature in compliance?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
Water - Sample containers properly preserved	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Water - VOA vials free of headspace	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Trip Blanks received with VOAs	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Soil VOA method 5035 – compliance criteria met	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
<input type="checkbox"/> High concentration container (48 hr)	<input type="checkbox"/> Low concentration EnCore samplers (48 hr)		
<input type="checkbox"/> High concentration pre-weighed (methanol -14 d)	<input type="checkbox"/> Low conc pre-weighed vials (Sod Bis -14 d)		
Special precautions or instructions included?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	

Comments:

Signature:

Date & Time:



SAMPLE TRANSMITTAL FORM/CHAIN OF CUSTODY

Account #

11035

7621 Whitepine Road Ric

19-137-0211
11035
05-17-2019
15:09:06Denali Water
San Jacinto

rice@al-labs-eastern.com

Submitted By

Copy To

Denali Water Solutions

Denali Water Solutions

Franklin Ave STEA

Franklin Ave STEA

chrisamarks@comcast.net

Riverside CA 92507

Riverside CA 92507

Project

Sample Information

Sample ID	Lab Number (Lab Use Only)	Collection Information			Container Information			Please Check Desired Tests										Test Package
		Type	Date	Time	Number of Bottles	Type	Volume	SL1	SL2	503 Metals	Nitrogen Series	pH	CCE	Ag	Cl	Volatile Solids		
Riverside		<input type="checkbox"/> Grab Composite	5/15/2019	1100	1	<input type="checkbox"/> Glass <input checked="" type="checkbox"/> Plastic	<input type="checkbox"/> oz <input type="checkbox"/> pint <input checked="" type="checkbox"/> qt										SLSOSO	
Carson		<input type="checkbox"/> Grab Composite	5/15/2019	1100	1	<input type="checkbox"/> Glass <input checked="" type="checkbox"/> Plastic	<input type="checkbox"/> oz <input type="checkbox"/> pint <input checked="" type="checkbox"/> qt										SLSOSO	
Moreno Valley		<input checked="" type="checkbox"/> Grab Composite	5/15/2019	1100	1	<input type="checkbox"/> Glass <input checked="" type="checkbox"/> Plastic	<input type="checkbox"/> oz <input type="checkbox"/> pint <input checked="" type="checkbox"/> qt										SLSOSO	
Hyperion		<input checked="" type="checkbox"/> Grab Composite	5/15/2019	1100	1	<input type="checkbox"/> Glass <input checked="" type="checkbox"/> Plastic	<input type="checkbox"/> oz <input type="checkbox"/> pint <input checked="" type="checkbox"/> qt										SLSOSO	
San Jacinto	66459	<input checked="" type="checkbox"/> Grab Composite	5/15/2019	1100	1	<input type="checkbox"/> Glass <input checked="" type="checkbox"/> Plastic	<input type="checkbox"/> oz <input type="checkbox"/> pint <input checked="" type="checkbox"/> qt										SLSOSO	

Relinquished By: (Signature)	Date	Time	Received By: (Signature)	Date	Time
Chris Marks (signature)	5/15/2019	500			
<i>Feclap</i>	5/17/19		<i>AS</i>		

Test Package Details	Special Instructions or Remarks
SL1: Total Solids (Moisture) Total Kjeldahl Nitrogen, Phosphorus and Potassium	
SL2: Basic Test SL1 plus Sulfur, Calcium, Magnesium, Sodium, Iron, Aluminum, Manganese, Copper And Zinc	
503 Metals: Arsenic, Cadmium, Chromium, Mercury, Molybdenum, Lead, Nickel, Selenium. (Copper & Zinc included in SL2)	
Nitrogen Series: Total Kjeldahl, Ammonium, Nitrate & Organic Nitrogen.	
CCE: Calcium Carbonate Equivalent or Total neutralization Value (For Lime Treated Sludge)	
	No ice <i>AS</i>